

Form PTO-1449

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Document Number (optional)

LU 6084 (US)

Application Number

10/538,540

# **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

(Use several sheets if necessary)

Applicant

Shahran Mihan et al.

Filing Date

June 10, 2005

GROUP ART UNIT

1714

## **U. S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3 1 2 5 5 4 7	03/17/64	Blatz	260	45.5	02/09/61
	3 2 4 2 1 5 0	03/22/66	Scoggin	260	88.2	03/31/60
	3 2 4 8 1 7 9	04/26/66	Norwood	23	285	02/26/62
	5 6 2 5 0 1 6	04/29/97	Schiffino et al.	526	160	10/20/95
	6 2 5 5 4 1 8	07/03/01	Jolly et al.	526	160	07/18/97
	6 3 5 0 8 1 4	02/26/02	Bauer et al.	525	191	09/18/98
	6 4 1 7 3 0 2	07/09/02	Bohnen	526	160	07/23/98
	6 4 3 7 1 6 1	08/20/02	Mihan et al.	556	11	08/13/99
	6 5 8 9 9 0 5	07/08/03	Fischer et al.	502	300	07/13/99
	6 7 8 7 4 9 8	09/07/04	Mihan et al.	502	120	06/11/02
	6 8 1 2 1 8 5	11/02/04	Fischer et al.	502	120	07/30/03

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	1 9 7 1 0 6 1 5	09/17/98	DE	C08F	4/69		
	1 9 7 4 5 0 4 7	04/15/99	DE	C08L	23/08		
	0 1 0 0 8 4 3	02/22/84	EP	C08L	23/04		
	0 4 1 6 8 1 5	03/13/91	EP	C08F	10/00		
	0 4 2 0 4 3 6	04/03/91	EP	C07F	7/00		

## **OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

	S. Pang et al., "Size-Exclusion Chromatographic Assessment of Long-Chain Branch Frequency in Polyethylenes," <u>American Chemical Society</u> , Chapter 17, p. 254-269 (1993), ACS Symposium Series 521, <u>Chromatography of Polymers</u> edited by T. Provder
	L. Wild, "Temperature Rising Elution Fractionation," <u>Advances in Polymer Science</u> 98, p. 1-47 (1990)
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EXAMINER

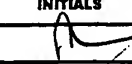
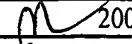
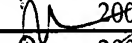







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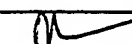
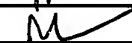
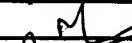

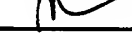


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		Applicant <b>Shahran Mihan et al.</b>			
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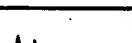

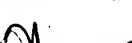
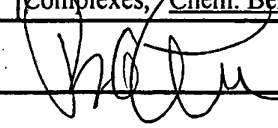
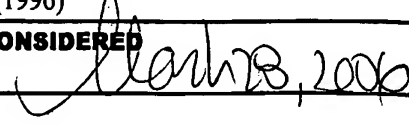
  

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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 8 3 8 5 6 3	01/04/05	Mihan et al.	546	10	06/11/02
 2003	0 0 3 6 6 5 8	02/20/03	Mihan et al.	548	402	06/11/02
 2003	0 0 3 6 6 6 2	02/20/03	Mihan et al.	556	20	06/11/02
 2003	0 0 5 5 2 6 7	03/20/03	Mihan et al.	548	402	06/11/02
 2003	0 1 7 6 2 7 5	09/18/03	Fraaije et al.	502	103	06/13/01
 2003	0 2 3 6 1 6 4	12/25/03	Fischer et al.	502	439	07/30/03
 2004	0 0 3 3 8 9 0	02/19/04	Mihan et al.	502	113	06/13/01
	6 9 1 1 5 1 6	06/28/05	Mihan et al.	526	348	08/01/00
	6 9 1 9 4 1 2	07/19/05	Mihan et al.	526	127	08/01/00
	6 9 2 4 2 4 8	08/02/05	Mihan et al.	502	132	06/13/01

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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	0 6 6 2 9 8 9	07/19/95	EP	C08L	23/04		
	0 7 2 8 1 6 0	08/28/96	EP	C08L	23/04		
	0 7 4 2 0 4 6	11/13/96	EP	B01J	31/18		
	9 0 0 3 4 1 4	04/05/90	WO	C08L	23/08		
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	R. Halterman, "Synthesis and Applications of Chiral Cyclopentadienylmetal Complexes," <u>Chem. Rev.</u> , Vol. 92, p. 965-994 (1992)
	S. Strauss, "The Search for Larger and More Weakly Coordinating Anions," <u>Chem. Rev.</u> , Vol. 93(3), p. 927-942 (1993)
	M. Enders et al., "8-Quinolylycyclopentadienyl, a Ligand with a Tailored Fit for Chelate Complexes," <u>Chem. Ber.</u> , Vol. 129, p. 459-463 (1996)
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	9 5 2 7 0 0 5	10/12/95	WO	C08L	23/06		
	9 6 0 0 2 4 3	01/04/96	WO	C08F	4/642		
	9 7 0 4 0 1 5	02/06/97	WO	C08F	10/00		
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	B. Monrabal, "Crystallization Analysis Fractionation: A New Technique for the Analysis of Branching Distribution in Polyolefins," <u>Journal of Applied Polymer Science</u> , Vol. 52, p. 491-499 (1994)						
	J. Ewen et al., "Expanding the Scope of Metallocene Catalysis: Beyond Indenyl and Fluorenyl Derivatives," p. 150-169 (1999)						
	M. Enders et al., "New Chromium (III) Complexes as Highly Active Catalysts for Olefin Polymerization," <u>Organometallics</u> , Vol. 20(24), p. 5005-5007 (2001)						
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	0	1	1	2	6	4	1	02/22/01	WO	C07F	17/00		
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>													
	P. Jutzi et al., "Cyclopentadienyl compounds with nitrogen donors in the side-chain," Journal of Organometallic Chemistry, Vol. 500, p. 175-185 (1995)												
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/	0141920	06/14/01	WO	B01J	21/00		
/	0192346	12/06/01	WO	C08F	10/00		
/	0196417	12/20/01	WO	C08F	10/00		

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